



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 167303

**TO: Benjamin R Bruckart**

**Location:**

**Art Unit : 2155**

**Thursday, September 29, 2005**

**Case Serial Number: 09/810281**

**From: Geoffrey St. Leger**

**Location: EIC 2100**

**Randolph-4B31**

**Phone: 23450**

**geoffrey.stleger@uspto.gov**

### Search Notes

Dear Examiner Bruckart,

Attached please find the results of your search request for application 09/810281. I searched Dialog's patent files, technical databases and general files; along with the Internet.

Please let me know if you have any questions.

Regards,



Geoffrey St. Leger  
4B31/x23540



167303

# STIC EIC 2100 Search Request Form

Today's Date: 9/29/05

What date would you like to use to limit the search?

Priority Date: 2001/03/15 Other: \_\_\_\_\_Name Ben Bruckart  
AU 2155 Examiner # 79964  
Room # 4A68 Phone 23982  
Serial # 09/810 281

Format for Search Results (Circle One):

PAPER DISK EMAIL

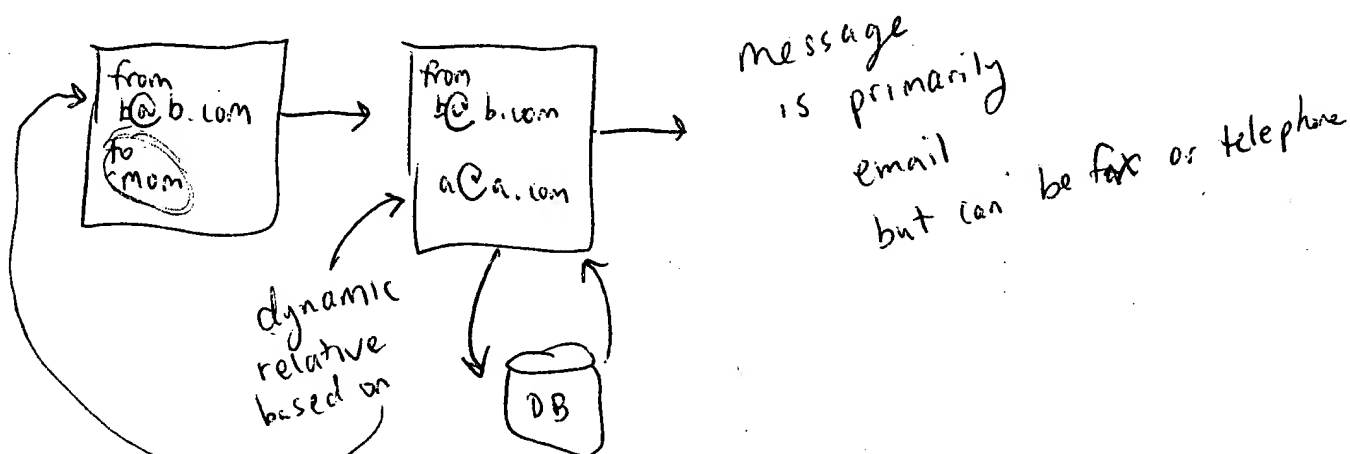
Where have you searched so far?

USP <sup>and Subs</sup> DWPI EPO JPO ACM IBM TDB  
IEEE INSPEC SPI Other \_\_\_\_\_Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

~~An email system that receives an~~  
a system that gets a message and addresses the message  
based on the sender information and the alias of the  
destination

STIC Searcher Geoffrey St Leger Phone 23540Date picked up 9/29/5 Date Completed 9/29/5

File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)  
(c) 2005 JPO & JAPIO  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200561  
(c) 2005 Thomson Derwent

Set	Items	Description
S1	8216	(REAL OR ABSOLUTE OR FINAL OR ACTUAL OR AUTHENTIC OR GENUINE OR VALID) (3W) (ADDRESS OR ADDRESSES OR DESTINATION? ? OR ENDPOINT? ? OR END() POINT? ? OR TARGET? ?)
S2	599602	ID OR IDENTIFIER OR IDENTIFICATION OR IDENTIFYING() (DATA OR INFORMATION) OR NAME OR IDENTITY OR CREDENTIALS OR ADDRESS OR DESIGNATION OR (PHONE OR TELEPHONE OR FAX OR FACSIMILE OR FACSIMILE) (1W)NUMBER? ?
S3	63144	S2(5N) (SENDER? ? OR PERSON? ? OR FRIEND? ? OR INDIVIDUAL? ? OR EMPLOYEE? ? OR MEMBER? ? OR ENTITY OR ENTITIES OR STUDENT? ? OR PARTY OR PARTIES OR USER? ? OR SUBSCRIBER? ? OR ADDRESSER? ?)
S4	15865	S2(5N) (CUSTOMER? ? OR OWNER? ? OR PLAYER? ? OR OPERATOR? ? OR CLIENT? ? OR DISPATCHER? ?)
S5	77	USERNAME? ? OR USERID? ?
S6	285	S1 AND S3:S5
S7	174	S6 AND IC=G06F
S8	101	S6 AND IC=H04L
S9	8130	(RELATIVE OR (NON OR "NOT" OR T) ()ABSOLUTE OR STANDIN OR STAND() IN OR PLACEHOLDER OR ALIAS?? OR GENERAL OR VIRTUAL OR EFFECTIVE OR GLOBAL OR MASTER OR ASSUMED) (3W) (ADDRESS OR ADDRESSES OR DESTINATION? ? OR ENDPOINT? ? OR END() POINT? ? OR TARGET? ?)
S10	54	S6 AND S9
S11	83	S6 AND (EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S12	125	S10:S11
S13	33	S12 AND AC=US/PR AND AY=(1970:2001)/PR
S14	41	S12 AND AC=US AND AY=1970:2001
S15	41	S12 AND AC=US AND AY=(1970:2001)/PR
S16	60	S12 AND PY=1970:2001
S17	79	S13:S16
S18	79	IDPAT (sorted in duplicate/non-duplicate order)
S19	331	(REAL OR ABSOLUTE OR FINAL OR ACTUAL OR AUTHENTIC OR GENUINE OR VALID) (3W) (RECIPIENT? ? OR RECEIVER? ? OR BENEFICIAR??? OR ADDRESSEE? ?)
S20	14	S19 AND S3:S5
S21	10	S20 AND (S9 OR EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S22	8	S21 NOT S18
S23	1246	S2(5N) (ORIGINATOR? ? OR AUTHOR? ? OR WRITER? ?)
S24	5	(S1 OR S19) AND S23
S25	3858547	(RELATIVE OR BASE? ? OR BASING OR DEPEND???)
S26	142613	S25(5N) (SENDER? ? OR ORIGINATOR? ? OR AUTHOR? ? OR WRITER? ? OR PERSON? ? OR FRIEND? ? OR INDIVIDUAL? ? OR EMPLOYEE? ? OR MEMBER? ? OR ENTITY OR ENTITIES OR STUDENT? ? OR PARTY OR PARTIES OR USER? ? OR SUBSCRIBER? ? OR ADDRESSER? ?)
S27	23900	S25(5N) (CUSTOMER? ? OR OWNER? ? OR PLAYER? ? OR OPERATOR? ? OR CLIENT? ? OR DISPATCHER? ?)
S28	3042	S26:S27(5N) (ADDRESS OR ADDRESSES OR DESTINATION? ? OR ENDPOINT? ? OR END() POINT? ? OR TARGET? ? OR RECIPIENT? ? OR RECEIVER? ? OR BENEFICIAR??? OR ADDRESSEE? ?)
S29	43	(S1 OR S19) AND S28
S30	39	S29 NOT (S18 OR S22 OR S24)
S31	4	S30 AND AC=US/PR AND AY=(1970:2001)/PR
S32	7	S30 AND AC=US AND AY=1970:2001
S33	7	S30 AND AC=US AND AY=(1970:2001)/PR
S34	19	S30 AND PY=1970:2001
S35	23	S31:S34

18/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03451034 \*\*Image available\*\*  
MAIL ADDRESS DESIGNATING SYSTEM

PUB. NO.: 03-113934 [JP 3113934 A]  
PUBLISHED: May 15, 1991 ( 19910515)  
INVENTOR(s): KUSUMOTO KOJI  
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 01-251549 [JP 89251549] ←  
FILED: September 27, 1989 (19890927)  
INTL CLASS: [5] H04L-012/54; H04L-012/58  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)  
JOURNAL: Section: E, Section No. 1098, Vol. 15, No. 311, Pg. 96, August 08, 1991 (19910808)

#### ABSTRACT

PURPOSE: To easily input the address of a transmission opposite party of a mail without fail by providing a retrieving mechanism retrieving at least one of a caller information file, a department exclusive address file and an individual exclusive address file when an address is not a real address.

CONSTITUTION: When a mail server 6 starts the service, the transmission is prepared and an address checking mechanism 2a checks the address. When the address is discriminated to be no real address, a mail address data retrieving mechanism 6a references to the caller information file 7a stored in a shared file storage medium 7 to designate a retrieval file and to retrieve a document in the file and discriminates whether or not the same key as the address exists, the address in an address column is replaced into the real user address and a mail transmission mechanism 2b is started.

18/5/12 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016271621 \*\*Image available\*\*  
WPI Acc No: 2004-429515/200440  
XRPX Acc No: N04-339446

Data transmission between data processing systems, involves transmitting data package with header having tag including real address list, between sender and receiver systems through direct memory access

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BLACKMORE R S; GOVINDARAJU R K; SHAH G H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6735620	B1	20040511	US 2000619054	A	20000718	200440 B

Priority Applications (No Type Date): US 2000619054 A 20000718

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6735620	B1	9	G06F-015/167	

Abstract (Basic): US 6735620 B1

NOVELTY - A data package with header having tag including real address list of receiver system (200), is transmitted from sender system (100) to an adapter (240), through direct memory access (DMA) (230). If the acknowledgement from receiver system is not received by sender system, a data packet with retransmit flag bit set is

transmitted to receiver system which replies by sending new acknowledgement or tag verification.

USE - For transmitting data between data processing systems in system area networks (SAN), using DMA.

ADVANTAGE - Enables rapid and accurate transmission of message data between the processors. Eliminates unnecessary retransmission of data packets. The error that occurs in data transmission is corrected in an efficient manner, thereby protecting data integrity in target systems.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the data processing systems incorporating transmission protocol.

sender system (100)

receiver system (200)

DMA (230)

adapter (240)

links (300,350)

pp; 9 DwgNo 2/4

Title Terms: DATA; TRANSMISSION; DATA; PROCESS; SYSTEM; TRANSMIT; DATA; PACKAGE; HEADER; TAG; REAL; ADDRESS; LIST; SEND; RECEIVE; SYSTEM; THROUGH; DIRECT; MEMORY; ACCESS

Derwent Class: T01; U21; W01

International Patent Class (Main): G06F-015/167

File Segment: EPI

571 273 0048

18/5/13 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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016032893 \*\*Image available\*\*

WPI Acc No: 2004-190744/200418

Related WPI Acc No: 2000-116861; 2002-267763; 2003-832028; 2003-832029; 2003-875693; 2004-132117

XRPX Acc No: N04-151395

Data transmission securing apparatus has third-party forwarding unit for forwarding one or more data packets to final recipient at network address obtained from information embedded within data packets sent from sending party

Patent Assignee: GMUENDER J E (GMUE-I); MASSING M B (MASS-I); SELGAS T D (SELG-I)

Inventor: GMUENDER J E; MASSING M B; SELGAS T D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040030752	A1	20040212	US 9750186	P	19970619	200418 B
			US 98100619	A	19980619	
			US 2003417871	A	20030416	

Priority Applications (No Type Date): US 9750186 P 19970619; US 98100619 A 19980619; US 2003417871 A 20030416

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040030752	A1	36	G06F-015/16	Provisional application US 9750186

Div ex application US 98100619

Div ex patent US 6571290

Abstract (Basic): US 20040030752 A1

NOVELTY - The apparatus has a third-party forwarding unit for forwarding one or more data packets to a final recipient at the network address obtained from the information embedded within the data packets. A third-party management unit obtains the network address of the final recipient from the embedded information contained within the data packets sent by a sending party in a secured format.

DETAILED DESCRIPTION - A sending unit transmits the data packets in

★  
Use.

P

2

a secure format from the sending party to the final recipient via a third party. INDEPENDENT CLAIMS are included for the following:

(a) Providing anonymity relative to the transmission of data over a network;

(b) Securing data transmission over a network;

(c) Anonymity providing apparatus for data transmission over a network; and

(d) Sending **email** over a network.

USE - For securing transmission of data over a network.

ADVANTAGE - Minimizes unauthorized interception of data and denial of network services. Simplifies the process of access to a network for a roaming computer user, divides the responsibility of servicing a given user wanting to access the network between multiple parties, and minimizes the possibility of improper dissemination of **email** header data as well as improper use of network resources by non-clients. Eliminates the need for a computer user to configure and reconfigure computer networking software for network access through several Internet service providers (ISPs) and network access providers (NAPs). Allows a network re-seller such as an ISP to offer network access via several NAPs based on cost, location, availability and reliability. Allows network re-seller to balance network loads through several NAPs across several network computer servers. Eliminates the need for computer user to know or configure network access telephone numbers.

DESCRIPTION OF DRAWING(S) - The figure is a simple diagram showing how the data transmission securing apparatus can be used in combination with browser plug in software to minimize unauthorized viewing of **email messages**.

pp; 36 DwgNo 10/21

Title Terms: DATA; TRANSMISSION; SECURE; APPARATUS; THIRD; PARTY; FORWARDING; UNIT; FORWARDING; ONE; MORE; DATA; PACKET; FINAL; RECIPIENT; NETWORK; ADDRESS; OBTAIN; INFORMATION; EMBED; DATA; PACKET; SEND; SEND; PARTY

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16

File Segment: EPI

18/5/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015910645 \*\*Image available\*\*

WPI Acc No: 2004-068485/200407

WRPX Acc No: N04-055086

**Anonymous interactive Internet-based dating service providing method involves establishing communication connection in accordance to routing data of member, without revealing routing data to searcher**

Patent Assignee: HASTE T E (HAST-I)

Inventor: HASTE T E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6665389	B1	20031216	US 99169965	P	19991209	200407 B
			US 2000626776	A	20000727	

Priority Applications (No Type Date): US 99169965 P 19991209; US 2000626776 A 20000727

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6665389	B1	8	H04L-012/16	Provisional application US 99169965

Abstract (Basic): US 6665389 B1

NOVELTY - The anonymous personal information of a searcher is compared with the blocking options of a member, and communication connection e.g. telephone connection is established in accordance with

communication routing data of the member without revealing the routing data to the searcher, if there is no blocking match.

USE - For anonymously establishing communication such as telephone, electronic-mail (e-mail), video conferencing connection between subscribers.

ADVANTAGE - Communication is completely anonymous in that the searcher is never provided the member's actual e-mail address or phone numbers, and each member is enabled to choose to block access to his or her personal information by other members based on selection criteria.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the method for establishing communication connection between two individuals.

pp; 8 DwgNo 2B/2

Title Terms: INTERACT; BASED; DATE; SERVICE; METHOD; ESTABLISH; COMMUNICATE; CONNECT; ACCORD; ROUTE; DATA; MEMBER; REVEAL; ROUTE; DATA; SEARCH

Derwent Class: T01

International Patent Class (Main): H04L-012/16

International Patent Class (Additional): H04L-012/28

File Segment: EPI

18/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015599521 \*\*Image available\*\*

WPI Acc No: 2003-661676/200362

XRPX Acc No: N03-527952

Conversation system for network on-line message conversation, has registration server with reading units and writing units that respectively read and write on-line messages and channel registers connected to reading and writing units

Patent Assignee: HU T (HUTT-I)

Inventor: HU T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030126208	A1	20030703	US 200263889	A	20020522	200362 B

Priority Applications (No Type Date): TW 2001133090 A 20011231

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030126208 A1 10 G06F-015/16

Abstract (Basic): US 20030126208 A1

NOVELTY - The conversation system has a registration server (100) with reading units (102,108) and writing units (104,106) that are generated corresponding to the connection registration of the user side hosts (120,130). The reading and writing units respectively read and write on-line messages. The channel registers (110,114) are respectively connected to the reading units and writing units.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a registration server; and

(b) a network on-line message conversation method.

USE - For network on-line message conversation.

ADVANTAGE - Allows both sides, that have intention to communicate with each other, to process the conversation just after connecting and registering to the registration server, no matter if the opposing party is a user side host having a real Internet protocol address or a user side host having a virtual Internet protocol address. Allows one communication side having a real address to initialize the connection request without passively having to wait for the other side having the virtual address to initialize the connection.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the network on-line message conversation system and the registration server.

Registration server (100)  
Reading units (102,108)  
Writing units (104,106)  
Channel registers (110,114)  
User side hosts (120,130)  
pp; 10 DwgNo 1/4

Title Terms: CONVERSATION; SYSTEM; NETWORK; LINE; MESSAGE ; CONVERSATION;  
REGISTER; SERVE; READ; UNIT; WRITING; UNIT; RESPECTIVE; READ; WRITING;  
LINE; MESSAGE ; CHANNEL; REGISTER; CONNECT; READ; WRITING; UNIT

Derwent Class: T01

International Patent Class (Main): G06F-015/16

File Segment: EPI

18/5/16 (Item 16 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015492544 \*\*Image available\*\*

WPI Acc No: 2003-554691/200352

XRPX Acc No: N03-440473

Extended source e- mail address generation system for web-surfing  
environment, classifies incoming e- mail messages based on valid  
extended source address included in the incoming e- mail messages.

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )

Inventor: GABBER E; JAKOBSSON B M; MATIAS Y; MAYER A J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6574658	B1	20030603	US 99240079	A	19990129	200352 B

Priority Applications (No Type Date): US 99240079 A 19990129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6574658	B1	11	G06F-017/00	

Abstract (Basic): US 6574658 B1

NOVELTY - A extension generator module (325) associated with the sender generates a valid extended source address , based on the identity of the recipient. An electronic mail transmitter (315) transmits e- mail message containing the valid extended source address , to the recipient. A message receiver module (335) associated with extension generator module classifies the incoming messages , based on valid extended source address .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) method of generating extended source address for use with e-mail ; and

(2) mail transfer agent for processing e- mail between sender and recipient.

USE - For generating extended source address for use with e- mail between sender and recipient, in web surfing environment.

ADVANTAGE - Allows sender to classify incoming e- mail messages securely based on the valid extended source address included in those messages , thereby enabling recognition and deletion of spam messages automatically and reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the extended source address generating system.

extended source address generating system (300)  
e- mail transmitter (315)  
extension generator module (325)



message receiver module (335)  
pp; 11 DwgNo 3/5  
Title Terms: EXTEND; SOURCE; MAIL ; ADDRESS; GENERATE; SYSTEM; WEB; SURF;  
ENVIRONMENT; CLASSIFY; INCOMING; MAIL ; MESSAGE ; BASED; VALID; EXTEND;  
SOURCE; ADDRESS; INCOMING; MAIL ; MESSAGE  
Derwent Class: T01  
International Patent Class (Main): G06F-017/00  
File Segment: EPI

18/5/18 (Item 18 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015319534 \*\*Image available\*\*

WPI Acc No: 2003-380469/200336

XRPX Acc No: N03-303872

Load test execution apparatus for client -server network, replaces  
destination network address of packet received from server, with  
actual network address and transfers packet to client having  
virtual network address

Patent Assignee: CANON KK (CANO ); KAKIMOTO A (KAKI-I)

Inventor: KAKIMOTO A

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030028828	A1	20030206	US 2002207217	A	20020730	200336 B
JP 2003046569	A	20030214	JP 2001229012	A	20010730	200336
JP 3595783	B2	20041202	JP 2001229012	A	20010730	200480

Priority Applications (No Type Date): JP 2001229012 A 20010730

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030028828	A1	23	H04L-001/22	
JP 2003046569	A	16	H04L-012/56	
JP 3595783	B2	23	H04L-012/56	Previous Publ. patent JP 2003046569

Abstract (Basic): US 20030028828 A1

NOVELTY - A rewrite unit checks the data in a network packet, when  
a server is accessed by several clients simultaneously, and rewrites  
packet's source network address to virtual network address of the  
client . The destination network address of the packet received from  
the server, is replaced with actual network address for  
transferring the packet to the client having virtual network  
address .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

- (1) load test system;
- (2) load test execution program; and
- (3) load test execution method.

USE - For testing load of accesses from client to server in  
network.

ADVANTAGE - Enables testing the access load of client terminals  
using reduced number of test execution terminals and without the need  
of network protocol.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of  
the test manager and execution terminal.

pp; 23 DwgNo 1/12

Title Terms: LOAD; TEST; EXECUTE; APPARATUS; CLIENT; SERVE; NETWORK;  
REPLACE; DESTINATION; NETWORK; ADDRESS; PACKET; RECEIVE; SERVE; ACTUAL;  
NETWORK; ADDRESS; TRANSFER; PACKET; CLIENT; VIRTUAL; NETWORK; ADDRESS

Derwent Class: T01; W01

International Patent Class (Main): H04L-001/22; H04L-012/56

International Patent Class (Additional): G06F-013/00; G06F-015/00

File Segment: EPI

18/5/22 (Item 22 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014979527 \*\*Image available\*\*  
WPI Acc No: 2003-040042/200303  
XRPX Acc No: N03-031395

Item receiving method in online environment using Internet, involves  
utilizing virtual name and virtual address of user on item  
provider web site as information for shipping user selected item

Patent Assignee: YOUNOUZOV M K (YOUN-I)  
Inventor: YOUNOUZOV M K  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020138448	A1	20020926	US 2001767169	A	20010122	200303 B

Priority Applications (No Type Date): US 2001767169 A 20010122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020138448	A1	15	G06F-017/60	

Abstract (Basic): US 20020138448 A1

NOVELTY - A virtual name and address that linked to a real name and address of user, is stored on a web site. The virtual name and address is utilized on an online item provider web site as shipping information of user selected item.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for method of providing, receiving and using prepaid mailing labels in online environment.

USE - For receiving item in online environment from online item provider with disclosing real name and address of user.

ADVANTAGE - The virtual name and address of a user is created and recorded for distributing the ordered goods anonymously over networks, thus the privacy of online shoppers and users are protected.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of product distribution network.

pp; 15 DwgNo 1/4

Title Terms: ITEM; RECEIVE; METHOD; ENVIRONMENT; UTILISE; VIRTUAL; NAME; VIRTUAL; ADDRESS; USER; ITEM; WEB; SITE; INFORMATION; SHIPPING; USER; SELECT; ITEM

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

18/5/25 (Item 25 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014642824 \*\*Image available\*\*  
WPI Acc No: 2002-463528/200249  
XRPX Acc No: N02-365417

Internet communication for implementing smooth bi-directional communication on Internet between user of virtual Internet protocol address and user of real Internet protocol address

Patent Assignee: INTERMEDIA CO LTD (INTE-N); INTER MEDIA COMMUNICATION JAPAN KK (INTE-N); JAPAN MEDIA SYSTEMS KK (NIME-N); JO J (JOJJ-I); YANG S (YANG-I)

Inventor: CHO J; YANG S; CHO J Y; YANG S U; JO J

Number of Countries: 098 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200239678	A1	20020516	WO 2001KR1604	A	20010925	200249 B
JP 2002152269	A	20020524	JP 2001208793	A	20010710	200250
AU 200192402	A	20020521	AU 200192402	A	20010925	200260
KR 2002036504	A	20020516	KR 200066715	A	20001110	200273
CN 1398474	A	20030219	CN 2001804613	A	20010925	200337
EP 1338123	A1	20030827	EP 2001972760	A	20010925	200357
			WO 2001KR1604	A	20010925	
KR 392206	B	20030722	KR 200066715	A	20001110	200409
US 20040076121	A1	20040422	WO 2001KR1604	A	20010925	200428
			US 2003416356	A	20031027	
JP 3666654	B2	20050629	JP 2001208793	A	20010710	200543

Priority Applications (No Type Date): KR 200066715 A 20001110

#### Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200239678	A1	E	17	H04L-012/46	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

JP 2002152269	A		6	H04L-012/56	
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AU 200192402	A			H04L-012/46	Based on patent WO 200239678
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KR 2002036504	A			H04L-012/46	
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CN 1398474	A			H04L-012/46	
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EP 1338123	A1	E		H04L-012/46	Based on patent WO 200239678
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

KR 392206	B			H04L-012/46	Previous Publ. patent KR 2002036504
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US 20040076121	A1			H04J-001/16	
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JP 3666654	B2		8	H04L-012/56	Previous Publ. patent JP 2002152269
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Abstract (Basic): WO 200239678 A1

NOVELTY - An address table is generated, step 1, a request signal is received from a client requesting other Internet protocol (IP) addresses to which the client attempts to connect, step 2, the information is loaded including the server-recognized and client -notified IP address from the address table, step 3 and it is checked if a client uses a received IP address, step 4. If so, the address is called, step 5, otherwise it is checked if the second client uses a real IP address, step 6, if the same virtual address is used, step 7, to determine what address to use.

USE - Implementing bi-directional communication on the Internet.

ADVANTAGE - Smooth communication between users with virtual and real IP addresses.

DESCRIPTION OF DRAWING(S) - The drawing is a flow chart of the method.

pp; 17 DwgNo 2/5

Title Terms: COMMUNICATE; IMPLEMENT; SMOOTH; BI; DIRECTION; COMMUNICATE;

USER; VIRTUAL; PROTOCOL; ADDRESS; USER; REAL; PROTOCOL; ADDRESS

Derwent Class: W01

International Patent Class (Main): H04J-001/16; H04L-012/46; H04L-012/56

International Patent Class (Additional): H04L-001/00

File Segment: EPI

18/5/26 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014511868 \*\*Image available\*\*

WPI Acc No: 2002-332571/200237

XRPX Acc No: N02-261220

**Network communication method for electronic commerce, involves sending message meant for registered pseudonym through random sequences of forwarding agents for finding visible address**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: ANAND R S; DUBEY P; GANESAN P; JUTLA C S

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2365729	A	20020220	GB 20019195	A	20010412	200237 B
GB 2365729	B	20040512	GB 20019195	A	20010412	200432
TW 582154	A	20040401	TW 2001108797	A	20010412	200461

Priority Applications (No Type Date): US 2000550462 A 20000417

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2365729	A	40	H04L-029/06	
GB 2365729	B		H04L-029/06	
TW 582154	A		H04L-029/06	

Abstract (Basic): GB 2365729 A

NOVELTY - Each forward agent (FA) group has appropriate keys for encryption, decryption and for performing digital signatures on documents. The clients which provides an encrypted **client** 's network **address** to the FA is registered by assigning a pseudonym. A **message** meant for a registered pseudonym, passes through random sequences of FAs until a **final** FA finds visible **address** for sending the **message**

USE - For communication between two entities in set of clients across distributed computer network such as Internet for electronic commerce.

ADVANTAGE - Enables double-blind communication in which neither sender nor receiver of communication is aware of his correspondent's true identity so as to provide security against local and global eavesdroppers. The third party is mitigated from tracing the communication.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram illustrating registration process of identity.

pp; 40 DwgNo 1/9

Title Terms: NETWORK; COMMUNICATE; METHOD; ELECTRONIC; SEND; **MESSAGE** ; REGISTER; THROUGH; RANDOM; SEQUENCE; FORWARDING; AGENT; FINDER; VISIBLE; ADDRESS

Derwent Class: T01; W01

International Patent Class (Main): H04L-029/06

File Segment: EPI

18/5/32 (Item 32 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013922685 \*\*Image available\*\*

WPI Acc No: 2001-406898/ 200143

Related WPI Acc No: 2002-097025

XRPX Acc No: N01-300934

**Retrieving listings from a database, involves displaying selectable proxy address in lieu of the party 's actual e-mail address if a record is present in the database that corresponds with the address request**

Patent Assignee: INFOSPACE INC (INFO-N)

Inventor: MARCUS K R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6230188	B1	20010508	US 98207391	A	19981208	200143 B

Priority Applications (No Type Date): US 98207391 A 19981208  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 6230188 B1 8 G06F-013/00

Abstract (Basic): US 6230188 B1

NOVELTY - A request for the e-mail address of a particular party is obtained, then determines whether a record is present in the database that corresponds with the request. If a record is present, a selectable proxy address is automatically displayed in lieu of the party's actual e-mail address without actually requiring the preference of the party involved.

DETAILED DESCRIPTION - The proxy e-mail address includes a selectable portion that enables a sender to send an e-mail message to the party without knowing the party's actual e-mail address. INDEPENDENT CLAIMS are also included for the following:

- (a) a method for providing a proxy identifier in an on-line directory;
  - (b) an on-line directory service;
  - (c) a computer-readable medium containing executable instructions
- USE - Retrieving listings from a database.

ADVANTAGE - Reduces the amount of spam e-mail since person is allowed to change his or her e-mail address. Reduces damage caused by spam e-mail by reducing public access to e-mail addresses. Can be used by web page owners to protect e-mail addresses listed on their web site pages, thereby prohibiting the collection and subsequent sale of their e-mail addresses and consequently reducing junk e-mail.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of a directory service within a network.

pp; 8 DwgNo 1/4

Title Terms: RETRIEVAL; DATABASE; DISPLAY; SELECT; ADDRESS; PARTY; ACTUAL; MAIL; ADDRESS; RECORD; PRESENT; DATABASE; CORRESPOND; ADDRESS; REQUEST  
Derwent Class: T01; W01  
International Patent Class (Main): G06F-013/00  
File Segment: EPI

18/5/34 (Item 34 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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013851073 \*\*Image available\*\*  
WPI Acc.No: 2001-335286/ 200135  
XRPX Acc No: N01-242029

E-mail sending method over Internet involves resolving relative delivery address to absolute delivery address for each recipient and sending message to each absolute delivery address

Patent Assignee: MYFAMILY.COM INC (MYFA-N)  
Inventor: ALLEN P B; REDD B C  
Number of Countries: 092 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200077593	A2	20001221	WO 2000US16036	A	20000608	200135 B
AU 200056053	A	20010102	AU 200056053	A	20000608	200135

Priority Applications (No Type Date): US 99329669 A 19990610

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200077593 A2 E 40 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

Abstract (Basic): WO 200077593 A2

NOVELTY - The method involves composing **relative delivery address** associated with at least one recipient and associating a text **message** with **relative delivery address**. An **address resolution server** resolves **relative delivery** to an **absolute delivery address** for each recipient using a database. The **message** is then sent to each **absolute delivery address**.

DETAILED DESCRIPTION - The database stores a list of names of potential recipients and their associated **absolute mail address** with relationship identifiers. Intended recipients are identified using the relationship identifiers. INDEPENDENT CLAIMS are also included for the following:

- (a) **Relative delivery address** resolving method;
- (b) **Message** sending system;
- (c) Computer readable medium storing delivery and **mail address**;
- (d) Communication device

USE - For sending e- mail over Internet.

ADVANTAGE - Since the **sender** uses **relative address**, an **individual** will not need to send an additional notification to each of high normal recipients when changing his **absolute address**. The change is sent to the database administrator to make change in the database.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for electronic **mail** processing method.

pp; 40 DwgNo 2/8

Title Terms: **MAIL**; **SEND**; **METHOD**; **RESOLUTION**; **RELATIVE**; **DELIVER**; **ADDRESS**; **ABSOLUTE**; **DELIVER**; **ADDRESS**; **RECIPIENT**; **SEND**; **MESSAGE**; **ABSOLUTE**; **DELIVER**; **ADDRESS**

Derwent Class: T01; W01

International Patent Class (Main): G06F-000/00

File Segment: EPI

18/5/35 (Item 35 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013773029 \*\*Image available\*\*

WPI Acc No: 2001-257240/ 200126

XRPX Acc No: N01-183472

E- mail **directory service** operating method involves composing e- mail which includes **telephone number** of intended recipient in name portion of e- mail **address**, using which server accesses real e- mail **address**

Patent Assignee: AMERITECH CORP (AMER-N)

Inventor: BOSSEMEYER R W; HALLING D B; STUCKMAN B E

Number of Countries: 090 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200068812	A1	20001116	WO 2000US11650	A	20000501	200126 B
AU 200048095	A	20001121	AU 200048095	A	20000501	200126

Priority Applications (No Type Date): US 99306139 A 19990506

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200068812 A1 E 35 G06F-015/16

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200048095 A G06F-015/16 Based on patent WO 200068812

Abstract (Basic): WO 200068812 A1

NOVELTY - The operating method involves composing an e-mail having telephone number of an intended recipient in a name portion and e-mail directory service domain name in the domain name portion of the e-mail address. A directory service server receives the e-mail and accesses the real e-mail address using the telephone number and transmits e-mail to intended recipient using the real e-mail address.

USE - For operating Internet e-mail directory service.

ADVANTAGE - Enables people to send e-mail to a person having an unknown e-mail address. The e-mail directory service is able to differentiate between recipient's home and office e-mail address, due to the usage of telephone number in name portion.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart indicating operating method of e-mail directory service.

pp; 35 DwgNo 4/11

Title Terms: MAIL; DIRECTORY; SERVICE; OPERATE; METHOD; COMPOSE; MAIL; TELEPHONE; NUMBER; INTENDED; RECIPIENT; NAME; PORTION; MAIL; ADDRESS; SERVE; ACCESS; REAL; MAIL; ADDRESS

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): G06F-015/173

File Segment: EPI

18/5/36 (Item 36 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013725746 \*\*Image available\*\*

WPI Acc No: 2001-209976/ 200121

XRPX Acc No: N01-149920

Packet address translation for data communication in virtual private network, by replacing source address in data packet with privileged address to forward packets to nodes through fire wall

Patent Assignee: VPNET TECHNOLOGIES INC (VPNE-N)

Inventor: ARROW L J; BOTS H J; HOKE M R; HUNT W E; HUNTLEY B T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6154839	A	20001128	US 9865898	A	19980423	200121 B

Priority Applications (No Type Date): US 9865898 A 19980423

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6154839	A	18	H04L-009/32	

Abstract (Basic): US 6154839 A

NOVELTY - A data packet sent by user (810) is received and communication privileges associated with the user are determined using user identifier in the packet. The source address in the packet is replaced with privileged address using the privileges to forward data packet towards fire wall. The data packet is forwarded to the protected destination nodes through fire wall, depending on the valid privileged address.

DETAILED DESCRIPTION - The source address in the data packet is replaced with the privileged address, if the communication privileges allow the user communication according to protected destination nodes. A reply packet is received from the protected destination, and is forwarded to privileged address through the fire wall. The privileged address in the replay packet is replaced with the source address, so that the reply packet is directed to other source node, and forwarded to source node. An INDEPENDENT CLAIMS are also included for the following:

(a) data packet addresses translating apparatus;

(b) program storage device

USE - For translating addresses of data packets in virtual private network, e.g. one established via the Internet.

ADVANTAGE - Facilitates effective load balancing between multiple virtual private networks by address transmission method reliably.

DESCRIPTION OF DRAWING(S) - The figure illustrates address



File 275:Gale Group Computer DB(TM) 1983-2005/Sep 28  
(c) 2005 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Sep 29  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Sep 28  
(c) 2005 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2005/Sep 28  
(c) 2005 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2005/Sep 29  
(c)2005 The Gale Group  
File 624:McGraw-Hill Publications 1985-2005/Sep 29  
(c) 2005 McGraw-Hill Co. Inc  
File 15:ABI/Inform(R) 1971-2005/Sep 29  
(c) 2005 ProQuest Info&Learning  
File 647:CMP Computer Fulltext 1988-2005/Sep W2  
(c) 2005 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2005/Sep W4  
(c) 2005 IDG Communications  
File 696:DIALOG Telecom. Newsletters 1995-2005/Sep 29  
(c) 2005 Dialog  
File 369:New Scientist 1994-2005/Jun W4  
(c) 2005 Reed Business Information Ltd.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 610:Business Wire 1999-2005/Sep 29  
(c) 2005 Business Wire.  
File 613:PR Newswire 1999-2005/Sep 29  
(c) 2005 PR Newswire Association Inc

Set	Items	Description
S1	37821	(REAL OR ABSOLUTE OR FINAL OR ACTUAL OR AUTHENTIC OR GENUINE OR VALID) (3W) (ADDRESS OR ADDRESSES OR DESTINATION? ? OR ENDPPOINT? ? OR END()POINT? ? OR TARGET? ? OR RECIPIENT? ? OR RECEIVER? ? OR BENEFICIAR??? OR ADDRESSEE? ?)
S2	5696870	ID OR IDENTIFIER OR IDENTIFICATION OR IDENTIFYING() (DATA OR INFORMATION) OR NAME OR IDENTITY OR CREDENTIALS OR ADDRESS OR DESIGNATION OR (PHONE OR TELEPHONE OR FAX OR FASCIMILE OR FACSIMILE) (1W)NUMBER? ?
S3	370303	S2(5N) (SENDER? ? OR ORIGINATOR? ? OR AUTHOR? ? OR WRITER? ? OR PERSON? ? OR FRIEND? ? OR INDIVIDUAL? ? OR EMPLOYEE? ? OR MEMBER? ? OR ENTITY OR ENTITIES OR STUDENT? ? OR PARTY OR PARTIES OR USER? ? OR SUBSCRIBER? ? OR ADDRESSER? ?)
S4	272536	S2(5N) (CUSTOMER? ? OR OWNER? ? OR PLAYER? ? OR OPERATOR? ? OR CLIENT? ? OR DISPATCHER? ?)
S5	17189	USERNAME? ? OR USERID? ?
S6	15499629	(RELATIVE OR BASE? ? OR BASING OR DEPEND???)
S7	1319036	S6(7N) (SENDER? ? OR ORIGINATOR? ? OR AUTHOR? ? OR WRITER? ? OR PERSON? ? OR FRIEND? ? OR INDIVIDUAL? ? OR EMPLOYEE? ? OR MEMBER? ? OR ENTITY OR ENTITIES OR STUDENT? ? OR PARTY OR PARTIES OR USER? ? OR SUBSCRIBER? ? OR ADDRESSER? ?)
S8	1595282	S6(5N) (CUSTOMER? ? OR OWNER? ? OR PLAYER? ? OR OPERATOR? ? OR CLIENT? ? OR DISPATCHER? ?)
S9	371	S1(20N)S7:S8
S10	266	S1(10N)S7:S8
S11	124	RD (unique items)
S12	36945	(RELATIVE OR STANDIN OR PLACEHOLDER OR ALIAS?? OR GENERAL - OR VIRTUAL OR EFFECTIVE OR GLOBAL OR MASTER OR ASSUMED) (3W) (ADDRESS OR ADDRESSES OR DESTINATION? ? OR ENDPPOINT? ? OR END()POINT? ? OR TARGET? ?)
S13	63	S9(50N) (S12 OR EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S14	35	RD (unique items)

S15	23	S14 NOT PY=2002:2005
S16	21229	S3:S4(7N)S7:S8
S17	2094	S16(30N)(EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S18	25314	S6(7N)S3:S4
S19	3002	S18(50N)(EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S20	15178	S6(7W)S3:S4
S21	1555	S20(30N)(EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S22	58	(S1 OR S12) AND S21
S23	38	RD (unique items)
S24	27	S23 NOT (S15 OR PY=2002:2005)
S25	299693	S2(5N)(SENDER? ? OR ORIGINATOR? ? OR AUTHOR? ? OR WRITER? ? OR INDIVIDUAL? ? OR EMPLOYEE? ? OR MEMBER? ? OR ENTITY OR EN- TITIES OR USER? ? OR SUBSCRIBER? ? OR ADDRESSER? ?)
S26	735	S1(20N)S25
S27	440	S26(50N)(EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S28	3948357	ID OR IDENTIFIER OR IDENTIFICATION OR IDENTIFYING() (DATA OR INFORMATION) OR NAME OR IDENTITY OR CREDENTIALS OR DESIGNATI- ON OR (PHONE OR TELEPHONE OR FAX OR FASCIMILE OR FACSIMILE) (1- W)NUMBER? ?
S29	214687	S28(5N)(SENDER? ? OR ORIGINATOR? ? OR AUTHOR? ? OR WRITER? ? OR INDIVIDUAL? ? OR EMPLOYEE? ? OR MEMBER? ? OR ENTITY OR E- NTITIES OR USER? ? OR SUBSCRIBER? ? OR ADDRESSER? ?)
S30	198	S1(20N)S29
S31	119	S30(50N)(EMAIL? ? OR MAIL??? OR MESSAGE? ?)
S32	65	RD (unique items)
S33	37	S32 NOT (S15 OR S24 OR PY=2002:2005)

15/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02436084 SUPPLIER NUMBER: 65147950 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Group 1 Real-time Customer Data Quality Web Svc.(Company Business and Marketing)**  
Balluck, Kyle  
Newsbytes, NWSB00255019  
Sept 11, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 412 LINE COUNT: 00038

... DataQuality.net" allows e-business to obtain and utilize enriched data on customers and prospects by combining **real** -time worldwide **address** verification with appended customer demographics and geographic coding.

Group 1 said the demographic data is **based** on a **customer** 's or prospect's geographic location, enabling e-businesses to develop targeted marketing programs, including real-time **message** and response interaction with Web site visitors. The Lanham, Md., company said such targeted marketing programs can...

15/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02317298 SUPPLIER NUMBER: 55276926 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Anonymous Internet.(free anonymous browsers and remailing services)(Internet/Web/Online Service Information)**  
PC Magazine, 18, 15, 107  
Sept 1, 1999  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 417 LINE COUNT: 00037

... still delivering a personalized Web experience. For sites requiring registration in exchange for information, it generates fake **user** names, passwords, and e- **mail** addresses **based** on your "secret" (a universal password), the site you're visiting, and your **real** e- **mail** **address** . By the time you read this, LPWA will be a for-fee service called ProxyMate (www.proxymate...

...different approach to hide your identity, a remailer deletes your information in the header of the e- **mail** **message** , then forwards the **message** to the recipient. A pseudo-anonymous remailer's host knows your identity. A truly anonymous remailer forwards...

15/3,K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02313553 SUPPLIER NUMBER: 55100407 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Increase Your Bottom Line: Automated Customer Service and Marketing.(Aptex Software SelectResponse 3.0 and SelectCast)(Product Information)**  
Edwards, Larry M.  
e-Business Advisor, 17, 7, 30  
July, 1999  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2606 LINE COUNT: 00219

... requirements.  
\* Improve customer satisfaction with faster response times.  
\* Improve customer support with more precise answers to e- **mail** and Web-based inquiries.

Aptex SelectCast  
\* Automate and target online advertising and promotions, **based** on  
**real** -time customer behavior.  
\* **Target** product recommendations **based** on user profiles  
compiled in real-time.  
\* Personalize news and Web content.  
PRODUCTS  
Aptex SelectResponse 3.0 Aptex SelectCast...

15/3,K/4 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01611052 SUPPLIER NUMBER: 14100113 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Tartan updates Ada cross-compiler.(Version 4.2)**  
McCormick, John  
Newsbytes, NEW07190009  
July 19, 1993  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 349 LINE COUNT: 00028

... target memory contents, and AdaList, which generates an  
interspersed Ada source and assembly code listing with both **absolute** and  
**relative** addresses of individual object files and linked programs.  
The company claims that AdaList alone will greatly contribute to the  
maintainability...

15/3,K/5 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01293386 SUPPLIER NUMBER: 07161056 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Some formula fundamentals. (basic rules and techniques for writing**  
**spreadsheet formulas)**  
Aitken, Peter G.  
Lotus, v5, n4, p59(3)  
April, 1989  
ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2353 LINE COUNT: 00174

...ABSTRACT: the built-in formulas 1-2-3 and Symphony have. Other concepts  
discussed include the precedence of **operators**, **relative** and **absolute**  
cell addresses, using the point mode, converting formulas to values,  
inserting and deleting columns and rows, displaying and printing...

15/3,K/6 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

02880696 Supplier Number: 74325854 (USE FORMAT 7 FOR FULLTEXT)  
**MercuryGate International Selects Group 1's DataQuality.net Web Service to**  
**Enhance Transportation Management Suite.**  
PR Newswire, pNA  
May 9, 2001  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 895

... owners of information to share part or all of their logistics  
information with their business partners and **clients** **based** upon  
permissions.  
"We're pleased to have been selected by MercuryGate to provide **real**

-time,  
    **global address** verification as part of their end-to-end shipping solution," said Ken Chow, vice president of business...

15/3,K/7        (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2005 The Gale Group. All rts. reserv.

02292220        Supplier Number: 58931798 (USE FORMAT 7 FOR FULLTEXT)  
**Acxiom Announces Record Third Quarter Results and Growing Customer Acceptance of Revolutionary Customer Data Integration Technology.**  
Business Wire, p1927  
Jan 24, 2000  
Language: English        Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:        3529

...        in the speed and accuracy of combining (or appending) data and substantially improved the accurate matching of **valid** names and **addresses**.

    In the earliest stages of installing AbiliTec across Acxiom's **client base**, Acxiom project teams reported improvements of 75% or better in cycle time, more than 50% reductions in...

...rates which yield high rates of return for Acxiom's customers. Potential hard dollar cost savings in **mailing** costs alone exceeding \$50 million annually have already been documented for five major customers.  
    "AbiliTec gives...

15/3,K/8        (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

04462477        Supplier Number: 56540970 (USE FORMAT 7 FOR FULLTEXT)  
**Cogit Corp. Intros New eMarketing Services, Name Change.**  
Electronic Advertising & Marketplace Report, v13, n20, pNA  
Oct 19, 1999  
Language: English        Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count:        375

...        affects the user's experience on a site. The goal of RealTarget is to deliver the right **message** at the right time. According to Widlansky, RealTarget will send a targeted offer or promo uniquely dedicated to the **individual** online.

    RealProfile will be subscription- **based**, priced on the number of **users** and the number of events being tracked. The cost could range from \$20,000 to \$100,000 a year.

**Real Target** is volume **based**, depending on the number of **user** sessions Cogit helps the company with. For a large customer, cost range from \$2.50 CPM to...

15/3,K/9        (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

02133635        Supplier Number: 43979178 (USE FORMAT 7 FOR FULLTEXT)  
**Tartan Updates Ada Cross-Compiler 07/19/93**  
Newsbytes, pN/A  
July 19, 1993  
Language: English        Record Type: Fulltext  
Document Type: Newswire; General Trade

Word Count: 320

... target memory contents, and AdaList, which generates an interspersed Ada source and assembly code listing with both **absolute** and **relative addresses** of **individual** object files and linked programs.

The company claims that AdaList alone will greatly contribute to the maintainability...

15/3,K/10 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

08923349 Supplier Number: 77399162 (USE FORMAT 7 FOR FULLTEXT)  
**SOUTH KOREA SUFFERS FLOOD OF SPAM MAIL.**  
AsiaPulse News, p0951  
August 21, 2001  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 816

... the combined sales of Daewoo's 10 bricks and mortar outlets.  
"We chose who to send the **mail** to based on their relevancy to the advertisement and choose 25,000 **final recipients**, mostly high-income company workers and business **owners**," the official said.

Most Web- based **email** service providers offer a filtering service that blocks unwanted **messages** based on information provided by users.

However, it is still difficult to completely block junk **mail** because spammers continuously change their **email** addresses. Some even use the recipient's **email** as a return address, preventing it from being sent back.

"I was frightened when I found a...

15/3,K/11 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

05761533 Supplier Number: 50247256 (USE FORMAT 7 FOR FULLTEXT)  
**A World of Software Options**  
BIEDERMAN, DAVID  
Traffic World, v255, n6, p41  
August 10, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Magazine/Journal; Trade  
Word Count: 817

... performed automatically. If compliance is assured, for example, GLS then produces and sends trade documents and EDI **messages**, and manages shipments to their **final destination**, The system is "exception- based," said Melvin: the only time a **user** needs to push data through is in cases where there are compliance issues, shipment snafus or other...

15/3,K/12 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

01439024 Supplier Number: 41725126 (USE FORMAT 7 FOR FULLTEXT)  
**Electronic Mail Begins To Get The Message**  
CommunicationsWeek International, pC2  
Dec 10, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade

Word Count: 1890

... publish tariffs.

The situation is further complicated where there is more than one national operator. If a **message** is routed from one ADMD to another via a third, each ADMD adds its own charge. Sprint...

...0.20 pound sterling and 0.50 pound sterling (40 cents and \$1) to its normal electronic mail charges, depending on final destination, for every third party X.400 message it carries.

The network operators have produced an algorithm for calculating settlement rates that is so complicated...

15/3,K/13 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

07567580 SUPPLIER NUMBER: 16222261 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**AlisaMail: The best yet, but don't attach your sales contract. (Alisa Systems' AlisaMail 4.3) (includes related articles on test methodology, executive summary and glossary) (Software Review ) (Evaluation)**

Petreley, Nicholas; Stapleton, Lisa

InfoWorld, v16, n45, p74(10)

Nov 7, 1994

DOCUMENT TYPE: Evaluation ISSN: 0199-6649

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 12520 LINE COUNT: 00991

... of the other gateways handled the bogus name we provided by returning to the originator a nondelivery **message** detailing the problem. All the others also got the **message** through to the legitimate recipients. SMTP did return a nondelivery **message** to our Z-Mail originator, but the **message** was returned to Z-Mail (because there was one incorrect address) without attempting delivery to the other recipients, who had valid E-mail addresses.

Database query and directory synchronization: AlisaMail includes a nice, client - based GUI application called People Finder to aid in querying the global database for addresses. We used the same application for cc: Mail, Microsoft Mail, and WordPerfect Office clients; a separate one was used on the Macintosh.

The People Finder interface is...

15/3,K/14 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

07299055 SUPPLIER NUMBER: 15548857 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Mission improbable: seamless E-mail integration. (review of Worldtalk Corp's Worldtalk 400 Server and Gateways performance in connecting five E-mail packages on various platforms) (includes related articles on an executive summary, glossary of terms, table- and rule-based address translation, test methods and system configuration used) (Software Review) (Evaluation)**

Petreley, Nicholas; Wonnacott, Laura; Irvin, Steve; Young, Tom

InfoWorld, v16, n26, p125(8)

June 27, 1994

DOCUMENT TYPE: Evaluation ISSN: 0199-6649

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 9764 LINE COUNT: 00788

... Sarah's record. It would then use the X.400 address in that record to forward the **message** to its cc: Mail destination. The nice thing about this method is that it makes the use of the gateway transparent. Users can

address **messages** in a format that's familiar to their native E- mail system. The QuickMail user never needs to know that the **final destination** is cc: Mail .

RULE- BASED TRANSLATION. With rule- based addressing, **users** can address **messages** to other **users** outside their local E- mail post office without using Worldtalk 400's global directory. The sender, however, needs to know more about...

15/3,K/15 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

05176234 SUPPLIER NUMBER: 10815933 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Norfolk Southern Corp. (Rail Carrier Services) (company profile)**  
Transportation & Distribution, v32, n5, p69(1)  
May, 1991  
DOCUMENT TYPE: company profile ISSN: 0895-8548 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 382 LINE COUNT: 00035

... the economies of boxcar transport over long distances to warehouses, combined with the flexibility of trucking to **final destination** .

Thoroughbred Quickfo is PC- based software provided free to **customers** . **User** -friendly utilities allow shippers to send shipping instructions, trace cars or send **messages** , simplifying daily inquiries and transactions.

15/3,K/16 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

04599986 SUPPLIER NUMBER: 08994045 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Norfolk Southern. (Rail Carrier Services) (company profile)**  
Transportation & Distribution, v31, n5, p64(1)  
May, 1990  
DOCUMENT TYPE: company profile ISSN: 0895-8548 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 415 LINE COUNT: 00036

... the economies of boxcar transport over long distances to warehouses, combined with the flexibility of trucking to **final destination** .

Thoroughbred Quickfo is PC- based software provided free to **customers** . **User** -friendly utilities allow shippers to send shipping instructions, trace cars or send **messages** , simplifying daily inquiries and transactions.

15/3,K/17 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0408896  
**Rivals Compete for E-mail Standards**  
Unix World, Vol. IX, No. 7, Pg 89  
July, 1992  
JOURNAL CODE: UNIX  
SECTION HEADING: Standards ISSN: 0739-5922  
WORD COUNT: 1,894

TEXT:



... begins with a backbone site (uunet), followed by a node connected to it (uworld), followed by the user 's name (frankh). Depending on which backbone sites the addressee is connected to, many different valid addresses may be used for the same destination.

The solution to that confusion is the other major form of SMTP addressing, the domain name system (DNS). In DNS, the e-mail system itself maintains a directory of unique node names, so the sender need only specify the "home...

15/3,K/18 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02284176 93476183  
2001 International Student Paper Award Winner: Dimensions and current status of project management culture  
Wang, Xiaojin  
Project Management Journal v32n4 PP: 4-17 Dec 2001  
ISSN: 8756-9728 JRNL CODE: PMJ  
WORD COUNT: 7025

...TEXT: part of the questionnaire comprised 57 items on a five-point (1-5) scale.

The questionnaire was mailed to 790 Australia-based members of the Australian Institute of Project Management (AIPM) with the membership grades of Member and Fellow who had valid post addresses at AIPM on 31 July 2000. This selection of the survey participants was to ensure that the ...

15/3,K/19 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01678707 03-29697  
Spam!  
Cranor, Lorrie Faith; LaMacchia, Brian A  
Communications of the ACM v41n8 PP: 74-83 Aug 1998  
ISSN: 0001-0782 JRNL CODE: ACM  
WORD COUNT: 4474

...TEXT: but relayed through their system by spammers who are attempting to hide the true origin of their messages. One ISP estimated that before installing anti-relay technology in March 1997, 15% of their total mail traffic was relayed spam.

Pseudonyms are inexpensive to obtain. The most straightforward techniques for filtering unwanted email involve filtering messages based on the name or address of the sender. But it is inexpensive for senders to obtain new valid or forged email addresses, phone numbers, post office boxes, or other identifiers that serve as pseudonyms in cyberspace. As long as their business does not rely on building a positive reputation over time, it costs bulk mailers little to repeatedly change pseudonyms, thus thwarting many filtering efforts.  
Technical Solutions

Here, we focus on the...

15/3,K/20 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00879469 95-28861

**Tables and rules: A closer look at address translation**

Petreley, Nicholas; Wonnacott, Laura  
InfoWorld v16n26 PP: 129 Jun 27, 1994  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 817

...TEXT: Sarah's record. It would then use the X.400 address in that record to forward the **message** to its cc: **Mail** destination. The nice thing about this method is that it makes the use of the gateway transparent. Users can address **messages** in a format that's familiar to their native E- **mail** system. The QuickMail user never needs to know that the **final destination** is cc: **Mail** .

RULE- BASED TRANSLATION. With rule- based addressing, **users** can address **messages** to other **users** outside their local E- mail post office without using Worldtalk 400's global directory. The sender, however, needs to know more about...

15/3,K/21 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00645741 92-60681

**Spreadsheets and the Credit Manager**

Corbitt, Terry  
Credit Control v13n4 PP: 21-24 Apr 1992  
ISSN: 0143-5329 JRNL CODE: CRT  
WORD COUNT: 1126

...TEXT: calculate net profit). Then select a cell location for the formula and create the formula by connecting **relative** and **absolute** cell **addresses** with **operators** , as appropriate. In many instances, you will copy the formula to other locations.

Formulae containing arithmetic operators...

15/3,K/22 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2005 CMP Media, LLC. All rts. reserv.

00568609 CMP ACCESSION NUMBER: CWK19901210S0360

**Electronic Mail Begins To Get The Message**

Malcolm Laws  
COMMUNICATIONSWEEK INTERNATIONAL, 1990, n 055, C2  
PUBLICATION DATE: 901210  
JOURNAL CODE: CWI LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: CLOSEUP  
WORD COUNT: 1875

... publish tariffs.

The situation is further complicated where there is more than one national operator. If a **message** is routed from one ADMD to another via a third, each ADMD adds its own charge. Sprint...

...for example, adds between 0.20 and 0.50 (40 cents and \$1) to its normal electronic mail charges, depending on **final destination** , for every third party X.400 **message** it carries.

The network operators have produced an algorithm for calculating

settlement rates that is so complicated...

15/3,K/23 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2005 IDG Communications. All rts. reserv.

009849

**Enhanced role for 9370, 4381**

**IBM midrange users need only upgrade to increase system performance**

Byline: Maryfran Johnson, CW Staff

Journal: Computerworld Page Number: 124

Publication Date: September 10, 1990

Word Count: 928 Line Count: 67

Text:

... using PR/SM to logically divide the system into several operating environments --- and from 16M bytes of **real virtual address** space to 384M bytes.

The upgrade paths should help IBM stem the loss of **customers** from its older midrange **base**, several analysts said. Even at Digital Equipment Corp., the competitors acknowledged that selling DEC VAXs into 4381...

File 8: Ei Compendex(R) 1970-2005/Sep W3  
 (c) 2005 Elsevier Eng. Info. Inc.  
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 File 94: JICST-EPlus 1985-2005/Jul W5  
 (c) 2005 Japan Science and Tech Corp(JST)  
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 File 34: SciSearch(R) Cited Ref Sci 1990-2005/Sep W4  
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 File 95: TEME-Technology & Management 1989-2005/Aug W3  
 (c) 2005 FIZ TECHNIK

Set	Items	Description
S1	9778	(REAL OR ABSOLUTE OR FINAL OR ACTUAL OR AUTHENTIC OR GENUINE OR VALID) (3W) (ADDRESS OR ADDRESSES OR DESTINATION? ? OR EN-DPOINT? ? OR END() POINT? ? OR TARGET? ? OR RECIPIENT? ? OR RE-CEIVER? ? OR BENEFICIAR??? OR ADDRESSEE? ?)
S2	1447550	ID OR IDENTIFIER OR IDENTIFICATION OR IDENTIFYING() (DATA OR INFORMATION) OR NAME OR IDENTITY OR CREDENTIALS OR DESIGNATION OR (PHONE OR TELEPHONE OR FAX OR FASCIMILE OR FACSIMILE) (1-W)NUMBER? ?
S3	4697	S2(5N) (CUSTOMER? ? OR OWNER? ? OR PLAYER? ? OR OPERATOR? ? OR CLIENT? ? OR DISPATCHER? ?)
S4	152	USERNAME? ? OR USERID? ?
S5	11417043	(RELATIVE OR BASE? ? OR BASING OR DEPEND???)
S6	9	S1 AND S3:S4
S7	5	RD (unique items)

7/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

08678370 INSPEC Abstract Number: C2003-08-7180-018

**Title: A new infrastructure for user tracking prevention and privacy protection in Internet shopping**

Author(s): Enzmann, M.; Kunz, T.; Schneider, M.

Author Affiliation: Inst. for Secure Telecooperation, Fraunhofer Gesellschaft, Darmstadt, Germany

Conference Title: Infrastructure Security. International Conference, InfraSec 2002. Proceedings (Lecture Notes in Computer Science Vol.2437) p.199-213

Editor(s): Davida, G.; Frankel, Y.; Rees, O.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 2002 Country of Publication: Germany xi+337 pp.

ISBN: 3 540 44309 6 Material Identity Number: XX-2002-03315

Conference Title: Infrastructure Security. International Conference, InfraSec 2002. Proceedings

Conference Date: 1-3 Oct. 2002 Conference Location: Bristol, UK

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Theoretical (T)

Abstract: Web technologies provide several means to infringe user privacy. This is especially true when customers buying tangible goods submit orders that contain their **real** identity and physical **address**. Then, in practice, the vendor can link this information with all information gathered about the customer, obtained through various means. We present a solution that is based on mobile agents and a new infrastructure consisting of a mobile agent base station and a cardinality observer. This infrastructure can be used to prevent the vendor from directly linking information gathered about the **customer** with **identifying information** usually contained in the **customer**'s order. The vendor can only assign customers to their correct profiles with some probability, which depends on the number of candidate profiles. The new infrastructure allows the customer to decrease this probability in several ways. The usage of both the cardinality observer and the mobile agent base station deterministically guarantees to the customer that an agent only starts its journey when a desired threshold for the linking probability has been reached. In a second variant using only the mobile agent base station, the linking probability is decreased in a probabilistic manner by introducing a fixed delay before mobile agent release. (14 Refs)

Subfile: C

Descriptors: data privacy; electronic commerce; home shopping; Internet; mobile computing; security of data

Identifiers: user tracking prevention; privacy protection; Internet shopping; Web technologies; user privacy; customer information; mobile agent base station; cardinality observer; information identification; linking probability; electronic commerce; communication networks; customer privacy; mobile agent system; business process; cardinality control; electronic shops

Class Codes: C7180 (Retailing and distribution computing); C6150N (Distributed systems software); C6130S (Data security)

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7/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

08561755 INSPEC Abstract Number: C2003-04-7180-046

**Title: Privacy protection through unlinkability of customer activities in business processes using mobile agents**

Author(s): Enzmann, M.; Kunz, T.; Schneider, M.

Author Affiliation: Fraunhofergesellschaft, Inst. for Secure Telecooperation, Darmstadt, Germany

Conference Title: E-Commerce and Web Technologies. Third International Conference, EC-Web 2002. Proceedings (Lecture Notes in Computer Science Vol.2455) p.314-23

Editor(s): Bauknecht, K.; Min Tjoa, A.; Quirchmayr, G.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 2002 Country of Publication: Germany xiv+414 pp.

ISBN: 3 540 44137 9 Material Identity Number: XX-2002-02757

Conference Title: E-Commerce and Web Technologies. Third International Conference, EC-Web 2002. Proceedings

Conference Date: 2-6 Sept. 2002 Conference Location: Aix-en-Provence, France

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Web technologies provide several means to infringe user privacy. This is especially true when customers with the intent to buy tangible goods submit their orders containing their **real** identity and physical **address**. Then in practice, the vendor can link this information with all information gathered about the customer beforehand, e.g., observation data on him while browsing through the product catalog. We present a solution based on mobile agents that can be used to prevent the vendor from directly linking information gathered about the **customer** while searching with **identifying information** that is contained in the order. The system allows to introduce an agent delay at the agent base station which can increase the cardinality of the group of candidates to be linked to a product and thereby to decrease the linking probability. (13 Refs)